

CECW-ED

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Washington, DC 20314-1000

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Manual
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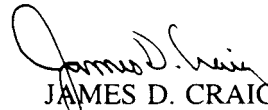
Engineering and Design
GRAVITY DAM DESIGN

1. Purpose. The purpose of this manual is to provide technical criteria and guidance for the planning and design of concrete gravity dams for civil works projects.

2. Applicability. This manual applies to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having responsibilities for the design of civil works projects.

3. Discussion. This manual presents analysis and design guidance for concrete gravity dams. Conventional concrete and roller compacted concrete are both addressed. Curved gravity dams designed for arch action and other types of concrete gravity dams are not covered in this manual. For structures consisting of a section of concrete gravity dam within an embankment dam, the concrete section will be designed in accordance with this manual.

FOR THE COMMANDER:


JAMES D. CRAIG
Colonel, Corps of Engineers
Chief of Staff

This engineer manual supersedes EM 1110-2-2200 dated 25 September 1958.